

PAT-NO: JP403073588A  
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TITLE: MOLD RELEASE FILM FOR MANUFACTURING PRINTED  
WIRING BOARD  
AND MANUFACTURE THEREOF

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INVENTOR-INFORMATION:  
NAME  
KATO, TATSUO  
YAMAMOTO, AKIO

ASSIGNEE-INFORMATION:  
NAME COUNTRY  
MITSUI PETROCHEM IND LTD N/A

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ABSTRACT:

PURPOSE: To improve rigidity of a film by manufacturing a mold release film from uniaxially oriented PMP film.

CONSTITUTION: PMP contains polymer which mainly contains single polymer of 4-methyl-1-pentene or 4-methyl-1-pentene as a main ingredient. A PMP film melted and extruded through a T die by an extruder 1 is cooled to about 80°C by a cooling roll 2, and supplied to elongation rolls 4, 4' in a state that it is heated to about 170°C by heating rolls 3. In this case, the rotating speed of the elongating roll is regulated to uniaxially orient it to 2.5 to 6 times or desirably 4 to 5 times, it is cut in a

predetermined length  
by a cutter as a film product. Thus, a PMP film having excellent  
rigidity can  
be manufactured.

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